

CLAIMS

[1] A braking device for an elevator, comprising:

a pressing device provided on a sheave, which is rotated by raising and lowering a car and a counterweight, for applying a pressing force toward the sheave;

a braking disc provided with a plurality of engaging portions along a rotational direction of the sheave, for being pressed against the sheave by the pressing device; and

an engaging device having a movable portion that can be displaced between an engagement position corresponding to engagement with the engaging portions and a release position corresponding to release from the engaging portions, characterized in that:

the braking disc can rotate together with the sheave when the movable portion is at the release position; and

the braking disc is stopped to brake rotation of the sheave when the movable portion is at the engagement position.

[2] A braking device for an elevator according to Claim 1, characterized in that the pressing device has a pressing plate for sandwiching the braking disc between the pressing device and the sheave, and an adjusting portion for applying the pressing force to the sheave via the pressing plate and the braking disc while allowing a magnitude of the pressing force to be adjusted.

[3] A braking device for an elevator according to Claim 1 or 2, characterized in that the sheave is a deflector sheave disposed apart from a drive device for raising and lowering the car and the counterweight.